

WHAT IS CLAIMED IS:

- 1                   1.     A panel comprising:  
2                   at least one substrate layer having a polyester mat comprising acrylic  
3     polystyrene copolymer.
- 1                   2.     The panel of claim 1 further comprising an outer coverstock  
2     layer and an adhesive layer for adhering the coverstock layer to the substrate.
- 1                   3.     The panel of claim 1 further comprising two additional  
2     substrate layers having polyester mats modified to have acrylic polystyrene  
3     copolymer.
- 1                   4.     The panel of claim 1 wherein the panel is a headliner.
- 1                   5.     The panel of claim 1 wherein the substrate layer comprises  
2     10% to 80% dry acrylic polystyrene copolymer by weight.
- 1                   6.     The panel of claim 1 wherein the substrate layer comprises  
2     30% dry acrylic polystyrene copolymer by weight.
- 1                   7.     The panel of claim 1 further comprising a fiber layer  
2     comprising dry acrylic polystyrene copolymer.
- 1                   8.     The panel of claim 7 when the fiber layer comprises 10% to  
2     80% dry acrylic polystyrene copolymer by weight.
- 1                   9.     The panel of claim 7 wherein the fiber layer comprising 30%  
2     dry acrylic polystyrene copolymer by weight.
- 1                   10.    A multi-layer panel comprising:  
2           at least one fiber layer having dry acrylic polystyrene copolymer; and

3 at least one substrate layer having a polyester mat comprising dry  
4 acrylic polystyrene copolymer.

1 11. The multi-layer panel of claim 10 further comprising an outer  
2 coverstock layer and an adhesive layer for adhering the coverstock layer to the fiber  
3 layer.

1 12. The multi-layer panel of claim 10 wherein the substrate layer  
2 comprising 10% to 80% dry acrylic polystyrene copolymer by weight.

1 13. The multi-layer panel of claim 10 wherein the panel is a  
2 headliner.

1 14. A headliner comprising:  
2 an outer coverstock layer;  
3 an adhesive layer;  
4 a fiber layer comprising dry acrylic polystyrene copolymer; and  
5 a substrate layer having a polyester mat comprising dry acrylic  
6 polystyrene copolymer.

1 15. The headliner of claim 14 wherein the substrate layer  
2 comprises 10% to 80% of dry acrylic polystyrene copolymer by weight.

1 16. The headliner of claim 14 wherein the fiber layer comprises  
2 10% to 80% dry acrylic polystyrene copolymer by weight.

1 17. The headliner of claim 14 wherein the fiber layer comprises  
2 sisal fibers..

1 18. The headline of claim 14 wherein both the substrate layer and  
2 the fiber layer comprises 30% of dry acrylic polystyrene copolymer by weight.